Application No. 10/567,000

Response dated: January 16, 2009

Reply to Non-Final Office Action of: October 16, 2008

Amendments to the Specification

Please replace the abstract with the following rewritten abstract. A clean version of the

amended abstract follows this paper.

The present invention relates to acryl-silicone hybrid impact modifiers, the method of

their manufacture, and vinyl chloride resin compositions containing the above. The acryl-

silicone hybrid impact modifier of the present invention contains is comprised of a) 0.01 to 10

parts by weight of a seed obtained through emulsion copolymerization of vinyl monomers and

hydrophilic monomers; b) 60 to 94 parts by weight of an acryl-silicone hybrid rubber core

covering the seed in which a polyorganosiloxane rubber phase is dispersed locally onto the inner

part and surface of the acrylic rubber core containing alkyl acrylate polymers of which alkyl

group has 1 to 8 carbon atoms; and c) 6 to 40 parts by weight of and a shell covering the above

rubber core and containing alkyl methacrylate polymers, of which alkyl group has 1 to 4 earbon

atoms. Thermoplastic resins containing the above, particularly by being added to vinyl chloride

resins, they have effects of granting superior impact resistance, weatherability, and high gloss.

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